BRUHAT BANGALORE MAHANAGARA PALIKE

Byatarayanapura Division

Package 2, Includes 3 works of 220.00 Lakhs

Name Of work : 1 Desilting and Repairs sub Walls of Storm Water Drain from Byatarayanapura Iyyappa Temple road to Bara Showroom near (NH 7 Bellary road) from L & T Compound to Venkatesh Reddy House at Byatarayanpura (From Krisanna House to Mandi Appaiah farm House and from Gulimpur Sewers (NH 7) to Amrithahalli Lake in Ward No. 67 Byatarayanapura. 2 Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amrithahalli and Surroundings areas in Ward No. 67 Byatarayanapura Package 02 3 Improvements to Burial Grounds and Crematorium in Ward No. 67, Byatarayanapura

Comparative Statement

Sl. No.	Description of work	Unit	As per Estimate			As per Tender			Total Anticipated		Total Amount 100.17	Qty. upto (+20%)			Qty. above (+20%)			Total Amount 100.17	Excess Amount 11.09	Savings Amount 11 - 8	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.			Qty.	Rate	Amount	Qty.	Rate	Amount				
1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21
1	0.38(2) : Earthwork excavation by foundation of buildings, water supply, sewerage lines and other structures either in open or in trenches, pits, shafts, sumps etc. or excavating in or in filling existing excavating the surface and stack of soil, and removal lead upto 50 m. after breaking of roads complete as per specifications, specification No. 0.24 ( ) Page No. ( ) of PWD SR 2016-17	cum	146.77	204.21	29970.69	146.77	228.00	33463.56	192.71	63917.68	45173.75	183.49	228.00	41828.88	9.28	461.67	4284.82	46113.70	11709.14		
2	0.38(2) d : Providing and laying in position plain cement concrete of mix : 1:5:10 with 20 mm nominal size of stone aggregate (all clauses and items under foundation & C.C under structure except reinforcement, centering and shuttering including cost of materials, labour carrying complete as per specifications No. 0.30 ( ) Page No. ( ) of PWD SR 2016-17	Cum	40.96	5,236.36	214488.71	40.96	5887.00	241131.52	31.32	196137.64	196137.64	31.32	5887.00	196137.64	0.00	5887.00	0.00	196137.64		44971.88	
3	0.38(2) f : Providing and constructing granite/ brick/ concrete masonry in foundation with cement mortar 1:4 (1 cement : 4 coarse sand) in cement mortar including cost of materials, labour carrying complete as per specifications 0.30 ( ) Page No. ( ) Item No. 7.8, PWD SR 2016-17	Cum	20.89	4,324.96	90339.56	20.89	5064.00	146170.96	21.54	109063.37	109063.37	21.54	5064.00	109063.37	0.00	5064.00	0.00	109063.37		27107.59	
4	0.38(2) f : Providing and constructing granite/ brick masonry in foundation with cement mortar 1:6 (1 cement : 6 coarse sand) in cement mortar including cost of materials, labour carrying complete as per specifications 0.30 ( ) Page No. ( ) Item No. 7.8, PWD SR 2016-17	Cum	20.17	5,405.40	109028.92	20.17	6050.00	122018.50	12.36	74789.80	74789.80	12.36	6050.00	74789.80	0.00	6050.00	0.00	74789.80		47238.70	
5	0.38(2) f : Providing and constructing granite/ brick masonry in foundation with cement mortar 1:4 (1cement : 4 coarse sand) in cement mortar including cost of materials, labour carrying complete as per specifications 0.30 ( ) Page No. 23 Item No. 7.8 PWD SR 2016-17 with an extra weightage 6 %)	Cum	274.23	5,305.38	1454872.42	274.23	9941.00	2629200.43	257.40	1329213.40	1329213.40	257.40	9941.00	1329213.40	0.00	9941.00	0.00	1329213.40		99987.03	

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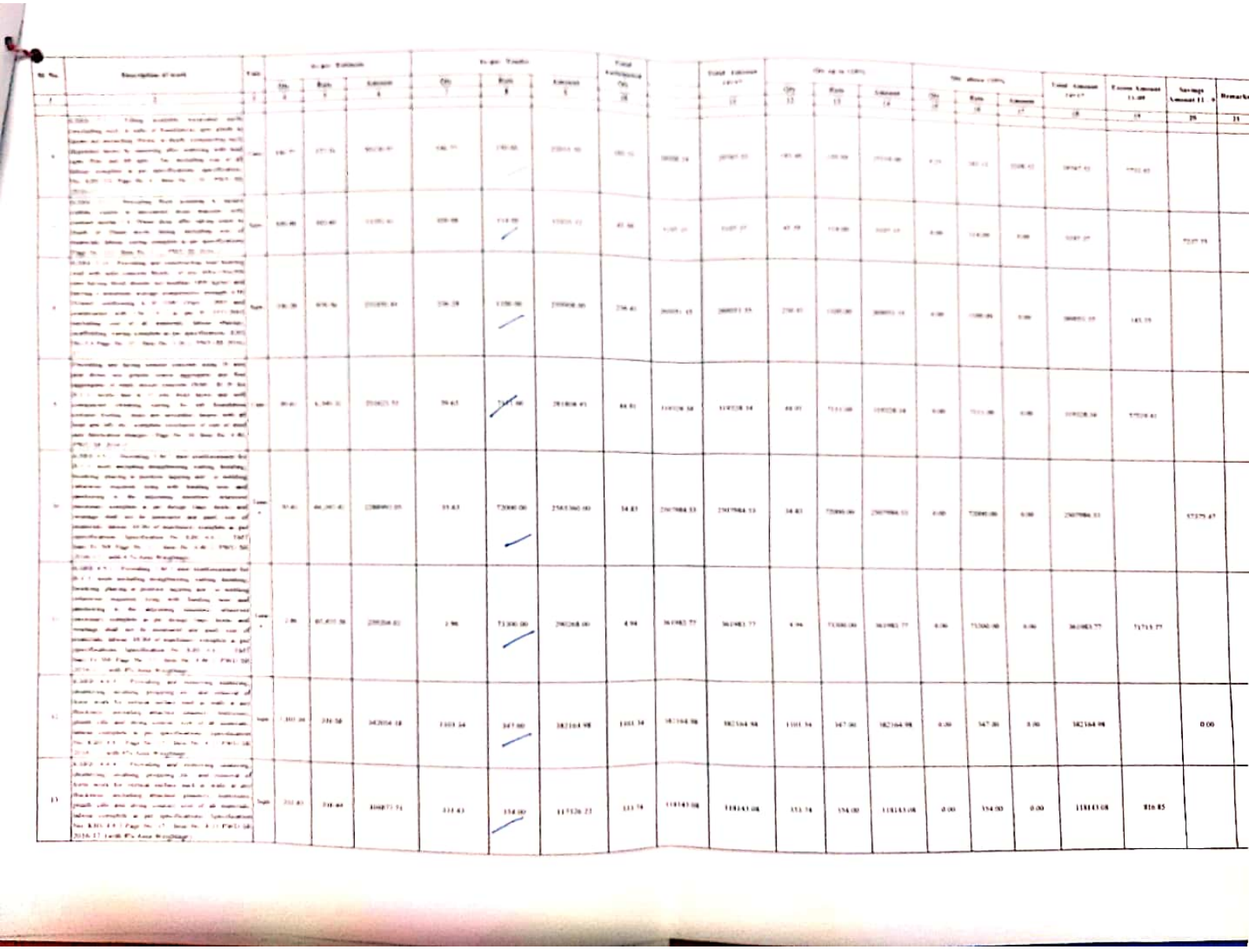

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Sl. No.	Description of work	Unit	As per Estimate			As per Tender			Total Anticipated Qty		Total Amount 14+17	Qty up to 125%			Qty above 125%			Total Amount 14+17	Excess Amount 11-09	Savings Amount 11 - 9	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount				Qty	Rate	Amount	Qty	Rate	Amount				
1	2	3	4	5	6	7	8	9	10		18	12	13	14	15	16	17	18	19	20	21
14	KSRB15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3 to ceiling including rounding off corners wherever required, smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No: 114. Item No: 15.21 of PWD SR 2016-17.	Sqm	58.86	208.44	12268.78	58.86	233.00	13714.38	78.59	18310.89	18567.55	73.58	233.00	17144.14	5.01	284.26	1423.41	18567.55	4853.17		
15	KSRB15.3.3 : Providing 12mm thick cement plaster in single coat with cement mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No:112. Item No: 15.11. PWD SR 2016-17.	Sqm	3,990.00	159.00	634410.00	3990.00	178.00	710220.00	2846.29	506639.62	506639.62	2846.29	178.00	506639.62	0.00	178.00	0.00	506639.62		203580.38	
16	KSRB15.3.12 :Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Page No: 114. Item No: 15.21 of PWD SR 2016-17 (inside Plastering)	Sqm	78.89	224.64	17721.85	78.89	251.00	19801.39	236.62	59392.62	67154.31	98.61	251.00	24751.11	138.01	307.24	42403.20	67154.31	47352.92		
17	KSRB15.7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. Page No: 115. Item No: 15.33. PWD SR 2016-17	Sqm	137.75	27.00	3719.25	137.75	31.00	4270.25	326.64	10125.89	11316.28	172.19	31.00	5337.89	154.45	28.71	5978.39	11316.28	7046.03		
18	KSRB15.3.9 :Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required, smooth rendering. Providing and removing scaffolding, including cost of materials, labour curing complete as per specifications Page No: 114 / Item No: 15.17. PWD SR 2016-17 (Outside Wall)	Sqm	199.04	213.84	42562.71	199.04	240.00	47769.60	220.94	53025.60	53025.60	220.94	240.00	53025.60	0.00	240.00	0.00	53025.60	5256.00		
19	KSRB 15-14.1 :Providing and applying two coats with oil bound washable distempter of approved brand and shade on wall surface including priming coat with distempter primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand papar smooth, cost of materials, labour, complete as per specifications. Page No: 117 / Item No: 15.49.1. PWD SR 2016-17	Sqm	216.65	76.68	16612.72	216.65	80.00	17332.00	405.54	32443.32	39591.63	270.81	80.00	21664.80	134.73	133.06	17926.83	39591.63	22259.63		
20	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. Page No: 117 / Item No: 15.53.2. SR 2016-17	Sqm	199.04	90.72	18056.91	199.04	101.00	20103.04	220.94	22314.94	22314.94	220.94	101.00	22314.94	0.00	101.00	0.00	22314.94	2211.90		
21	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. Page No: 117 / Item No: 15.53.2. SR 2016-17 (With area weightage 6 %)	Sqm	3,990.00	89.04	355269.60	3990.00	100.00	399000.00	2846.29	284629.00	284629.00	2846.29	100.00	284629.00	0.00	100.00	0.00	284629.00		114371.00	
22	KSRB 14.14.5 :Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, finish pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications – for Ceramic Tiles of size 30x30cms 6mm thick. Page No:106, Item No 14.36.2. PWD SR 2016-17	Sqm	58.86	1,270.08	74756.91	58.86	1400.00	82404.00	80.59	112822.50	113268.29	73.58	1400.00	103012.00	7.01	1463.62	10256.29	113268.29	30864.29		

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			Qty	Rate	Amount	Qty	Rate	Amount				Qty	Rate	Amount	Qty	Rate	Amount				
1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21
23	KSRB 7.1 Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx3mm braced with flat iron diagonals 20mmx3mm size with top and bottom rails of T iron sections of 40x40x6 mm with 10mm dia steel pulleys complete with bolt and nuts, lock,peg arrangements, stoppers, handles on both sides with 7.5cms openings @ 10 cms c to c applying 4 priming coat of red lead paint cost of materials, labour 10.0M cost of machines complete as per specifications size of plate 2.4mx1.6m. Specification No. KBS 7.5 - 7.12 Page No. 80 Item No. 7.1. PWD SR 2016-17	Sqm	12.96	4,355.64	56449.09	12.96	4878.00	63218.88	4.32	21072.96	21072.96	4.32	4878.00	21072.96	0.00	4878.00	0.00	21072.96		42145.92	
24	KSRB 14.17.2 Providing skirting, dado, risers of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour complete as per specifications. Specification No.KBS 14.15 - 14.17 - Colour glazed tiles 15x15 cms from Pick	Sqm	301.05	1,157.76	348543.65	301.05	1290.00	388354.50	278.16	358825.11	358825.11	278.16	1290.00	358825.11	0.00	1290.00	0.00	358825.11		29529.39	
25	SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm made out of extruded 5mm rigid PVC foam sheet mitered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S Screws of 65/80mm size Page No. 56, Item No. 9.84. PWD SR 2016-17	Sqm	37.80	568.08	21473.42	37.80	630.00	23814.00	22.05	13891.50	13891.50	22.05	630.00	13891.50	0.00	630.00	0.00	13891.50		9922.50	
26	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S tube of 19 gauge thickness, size 19x19mm for styles and 19x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide for form styles & 5mm thick & 75mm wide PVC Sheets form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail. Panelling of 5mm thick PVC sheet fitted in the M.S. Frame. Sealed to the styles & rails with 5x36mm PVC sheet beading on either side & jointed together with solvent cement adhesive etc. Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m m Aluminium hinges Page No. 56, Item No. 9.83. PWD SR 2016-17	Sqm	37.80	3,448.44	130351.03	37.80	3860.00	145908.00	22.05	85113.00	85113.00	22.05	3860.00	85113.00	0.00	3860.00	0.00	85113.00		60795.00	
27	KSRB 7.7 Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using 7 angles of 25x33x3mm, weighing 1.419 Kg/m both for outer and inner frames and central mullion section of size 25x40x3mm, weighing 2.28Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms c to c including providing and fixing 4mm thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 2452 1990. 4nos of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenoned and severed into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and 10.0M of machinerycomplete as per specifications. Specification No.KBS 7.12.1	Sqm	6.48	3,812.40	24704.35	6.48	4270.00	27669.60	3.72	15884.40	15884.40	3.72	4270.00	15884.40	0.00	4270.00	0.00	15884.40		11785.20	

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			Qty	Rate	Amount	Qty	Rate	Amount				Qty	Rate	Amount	Qty	Rate	Amount				
1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21
28	Providing and fixing Chlorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and making good the same (including testing of joints complete (Concealed work including cutting chases and good the walls etc) - 20mm nominal OD pipes. (P No 96, 1 No 13.86.2 of PWD SR 2016-17)	Mtr	150.00	226.80	34020.00	150.00	255.00	38250.00	150.00	38250.00	38250.00	150.00	255.00	38250.00	0.00	255.00	0.00	38250.00	0.00	0.00	
29	Providing and fixing Chlorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spot & the cost of cutting chases & making good the same including testing of joints complete (Concealed work including cutting chases and good the walls etc) - 25mm nominal OD pipes (P No 96, 1 No 13.86.3 of PWD SR 2016-17)	Mtr	150.00	270.00	40500.00	150.00	300.00	45000.00	150.00	45000.00	45000.00	150.00	300.00	45000.00	0.00	300.00	0.00	45000.00	0.00	0.00	
30	Providing and fixing CI Naham trap of approved make conforming to ISI specifications and construction of Cistern as M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot) - 12.5cms x 7.5cms Page No. 88, Item No 12.113.2 PWD SR 2016-17	Each	15.00	307.80	4617.00	15.00	344.00	5160.00	15.00	5160.00	5160.00	15.00	344.00	5160.00	0.00	344.00	0.00	5160.00	0.00		
31	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. (P No 88, 1 No 12.111 of PWD SR 2016-17)	Each	15.00	172.80	2592.00	15.00	190.00	2850.00	15.00	2850.00	2850.00	15.00	190.00	2850.00	0.00	190.00	0.00	2850.00	0.00		
32	KSRB13-e 3-3 Providing and fixing in position brass gate valve with C I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No KBS 13.2.6 / 13.3 (P No 91/ 1 No 13.34 of CSR 2016-17)	Each	30.00	648.00	19440.00	30.00	725.00	21750.00	25.00	18125.00	18125.00	25.00	725.00	18125.00	0.00	725.00	0.00	18125.00		3625.00	
33	KSRB13-B.5 . Providing and fixing to wall, ceiling and floor, low density polyethylene pipes 6.00 Kg/Sq cm working pressure 140mm outside diameter with special flanges, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications Specification No KBS 13.2.15.1 / 13.9 Page No. 93 Item No 13.70.6, PWD SR 2016-17	Mtr	30.00	574.56	17236.80	30.00	643.00	19290.00	30.00	19290.00	19290.00	30.00	643.00	19290.00	0.00	643.00	0.00	19290.00	0.00		
34	KSRB 12-B 1 Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C I cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R C C top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No KBS (P No 73, 1 No 11.30 of PWD SR 2016-17)	Nos	24.00	7,604.28	182502.72	24.00	8500.00	204000.00	3.00	25500.00	25500.00	3.00	8500.00	25500.00	0.00	8500.00	0.00	25500.00		178500.00	
35	KSRB 11-11.8 . Providing and fixing white vitreous china clay, surgeon type wash basin size 660x460mm with a pair of 15mm C P brass pillar taps with riser of elbow operated levers, C I / M S brackets, 32 mm C P brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. KBS 11 Page No 81, Item No. 12.30, PWD SR 2016-17	Unit	12.00	4,945.32	59343.84	12.00	5500.00	66000.00	6.00	33000.00	33000.00	6.00	5500.00	33000.00	0.00	5500.00	0.00	33000.00		33000.00	

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			Qty	Rate	Amount	Qty	Rate	Amount				Qty	Rate	Amount	Qty	Rate	Amount				
1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21
36	KSRH13-6 1-3 Providing and fixing an position brass bib cock of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications Specification No.KBS 13 2 2 / 13 3 (P No 91 / I No 13 25 of CSR 2016-17)	Each	24.00	297.00	7128.00	24.00	330.00	7920.00	22.00	7260.00	7260.00	22.00	330.00	7260.00	0.00	330.00	0.00	7260.00		660.00	
37	KSRB 11-2 Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm low level, P.V.C flushing cistern (all are approved make) with fittings, CI / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications, Specification No. KBS 11 (P No 77, I No 12 2 of PWD SR 2016-17)	Pcs	12.00	4,682.88	56194.56	12.00	5250.00	63000.00	11.00	57750.00	57750.00	11.00	5250.00	57750.00	0.00	5250.00	0.00	57750.00		5250.00	
38	KSRB 13-11 1 Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications (For 1000 litre capacity) Specification No.KBS 13 22 Page No. 94, Item No. 13 78, PWD SR 2016-17	Nos	6.00	9,144.36	54866.16	6.00	10250.00	61500.00	3.00	30750.00	30750.00	3.00	10250.00	30750.00	0.00	10250.00	0.00	30750.00		30750.00	
39	KSRB 11-15 3 Providing and fixing 453x357mm size rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications (P No 82, I No 12 41 of PWD SR 2016-17)	Unit	6.00	1,274.40	7646.40	6.00	1478.00	8868.00	4.00	5912.00	5912.00	4.00	1478.00	5912.00	0.00	1478.00	0.00	5912.00		2956.00	
40	KSRH 300 : Excavation for road, drains and similar works KSRB 300-1 Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications, MORTH / Chapter 3 Page No 142 / Item No 19 1, PWD SR 2016-17	Cum	861.82	199.36	171812.44	861.82	225.00	193909.50	969.01	218026.80	218026.80	969.01	225.00	218026.80	0.00	225.00	0.00	218026.80	24117.30		
41	KSRB 4-1 2 Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 320kgs. with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine vibrated, concrete laid in layers not exceeding 15 cms thick, well compacted on foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications Specification No KBS 4 1, 4 2 (P No 123 No 4 2 of CSR 2016-17)	Cum	194.84	5,348.76	1042152.40	194.84	6000.00	1169040.00	212.97	1277811.00	1277811.00	212.97	6000.00	1277811.00	0.00	6000.00	0.00	1277811.00	108771.00		
42	KSRH 4 2 2 Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs. with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.460 cum, with super plasticisers @ 5 liters conforming to is 9103-1999 reaffirmed 2008 machine mixed concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, returning walls, return walls, walls (any thickness) including attached pilasters, columns/pillars, posts, struts, bottresses, bed blocks, anchor blocks & plinths etc, including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications Specification No KBS 4 1, 4 6 Page No 82, Item No. 4 11, PWD SR 2016-17	Cum	590.82	6,371.66	3764504.16	590.82	7000.00	4135740.00	568.95	3982628.48	3982628.48	568.95	7000.00	3982628.48	0.00	7000.00	0.00	3982628.48		153111.53	

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			Qty	Rate	Amount	Qty	Rate	Amount				Qty	Rate	Amount	Qty	Rate	Amount				
1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21
43	KSRB 2.8 Providing and Filling in foundation with granite / trap broken metal 100mm and down size, with approved sand including hand packing, ramming watering, including cost of all materials and labour with all lead and lift complete as per specifications specification No KBS Page No 5 / Item No 2.15 of PWD SR 2016-17	Cum	144.00	2,240.84	322680.96	144.00	2570.00	370080.00	144.00	370080.00	370080.00	144.00	2570.00	370080.00	0.00	2570.00	0.00	370080.00	0.00	0.00	
44	KSRB 5.2.3 Providing and constructing granite / trap / basalt rue stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications KBS 5.1.13 Page No 23 / Item No 5.8, PWD SR 2016-17	Cum	444.15	4,438.22	1971235.41	444.15	4900.00	2176335.00	505.22	2475553.50	2475553.50	505.22	4900.00	2475553.50	0.00	4900.00	0.00	2475553.50	299218.50		
45	KSRB 5.3.3 Providing and constructing granite / trap / basalt rue stone masonry in basement with cement mortar 1:6, edges of stones chisille dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications KBS 5.1.13 Page No 23 / Item No 5.9, PWD SR 2016-17	Cum	232.27	5,305.30	1232262.03	232.27	5800.00	1347166.00	293.65	1714787.40	1714787.40	295.65	5800.00	1714787.40	0.00	5800.00	0.00	1714787.40	367621.40		
46	KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm neatly hoing, including cost of materials, labour, curing complete as per specifications Page No 113 / Item No 15.3, PWD SR 2016-17	Sqm	1,579.20	103.88	164047.30	1579.20	120.00	189504.00	1860.90	223308.00	223308.00	1860.90	120.00	223308.00	0.00	120.00	0.00	223308.00	33804.00		
47	KSRB 4-1.5 Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300Kgs. with 20mm and down size graded granite metal coarse aggregates @0.9Cum and fine aggregates @ 0.45cum, with superplasticizer @2lts confirming to IS9103-1999 Reaffirmed 2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, Specification No KBS 4.1, 4.2 (P No 12, LNo 4.5 of PWD SR 2016-17)	Cum	44.42	5,874.52	260946.18	44.42	6900.00	306498.00	58.51	403687.95	402333.35	55.53	6900.00	383157.00	2.98	6444.75	19176.35	402333.35	95835.35		
48	KSRB 5-14 Providing and constructing load bearing wall with solid concrete blocks of size 400x190x200 mm having block density not lessthen 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing complete as per specifications KBS No 5.4 Page No 25 / Item No 5.26.2, PWD SR 2016-17	Sqm	1,296.00	961.42	1246000.32	1296.00	1115.00	1445040.00	1229.08	1381574.20	1381574.20	1239.08	1115.00	1381574.20	0.00	1115.00	0.00	1381574.20		63465.80	
49	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 63x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. bold fast rods each of length 25 cms. including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineeron - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) Page No 262 / Item No 37.2, PWD SR 2016-17	Mtr	547.20	868.14	475046.21	547.20	1007.00	551030.40	547.20	551030.40	551030.40	547.20	1007.00	551030.40	0.00	1007.00	0.00	551030.40	0.00		
50	Providing and fixing M.S. Black pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc complete including two coats of approved quality paint over one coat of shop paint Page No 262 / Item No 37.4, PWD SR 2016-17	Mtr	1641.00	343.44	563585.04	1641.00	398.00	653118.00	1638.08	651924.00	651924.00	1638.00	398.00	651924.00	0.00	398.00	0.00	651924.00		1194.00	

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Sl No.	Description of work	Unit	As per Estimate			As per Tender			Total Anticipated Qty		Total Amount 14+17	Qty up to 125%			Qty above 125%			Total Amount 14+17	Excess Amount 11-09	Savings Amount 11 - 9	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount				Qty	Rate	Amount	Qty	Rate	Amount				
1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21
51	Providing chain link fencing 50mm size of 8 gauge properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the post and black paint at top and bottom as required including cost of all materials, labour head and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of silver paint Page No. 29.2 Item No. 57.3 PWD SR 2016-17	Sqm	912.60	698.58	637487.60	912.60	810.00	739206.00	912.60	739206.00	739206.00	917.60	810.00	739206.00	0.00	810.00	0.00	739206.00	0.00		
52	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 gauge M.S. hollow pipe frame work, bent to ornamental shape as shown in the drawing and 35mm x 35mm and 16 s. 16mm Square rods for vertical ornamentals spaced at 40mm c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members inclusive in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (silver paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification Page No. 47 Item No. 7.37 PWD SR 2016-17	Sqm	17.55	3,110.04	54581.20	17.55	3607.00	63302.85	17.28	62328.96	62328.96	17.28	3607.00	62328.96	0.00	3607.00	0.00	62328.96		973.89	
53	Excavation and removal of silt or silt mixed with sand in slushy condition from canal bed including pack wall, dewatering off the same in spoil banks or on the canal embankment in layers as directed etc., complete with initial lead upto 50 m and all lifts, MDR 2014-15 (P.79) Sr No 44)	Cum	422.30	351.08	148261.08	422.30	407.00	171876.10	422.30	171876.10	171876.10	422.30	407.00	171876.10	0.00	407.00	0.00	171876.10	0.00	0.00	
54	KSRB 4-16 Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kg/c.m. with 20mm and down size graded granite metal coarse aggregate @ 0.84 cum and fine aggregate @ 0.45cum, machine mixed, concrete laid in layers not exceeding 15 cms thick well compacted, in foundation, plinth and walls, including cost of all materials, labour, HOM of machinery, curing complete as per specifications Specification No. KBD 4 1 4.2 Page No.12 Item No. 4.6 PWD SR 2016-17	Cum	90.26	5,767.46	520570.94	90.26	6500.00	586690.00	98.79	642138.25	642138.25	98.79	6500.00	642138.25	0.00	6500.00	0.00	642138.25	55448.25		
55	KSRB 5-14 Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not less than 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 conforming to IS 2185 (Part 1):2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing complete as per specifications, KBS No 5.4 Page No. 25.1 Item No. 5.26.2, PWD SR 2016-17	Sqm	109.80	961.42	105563.92	109.80	990.00	108702.00	0.00	0.00	0.00	0.00	990.00	0.00	0.00	990.00	0.00	0.00		108702.00	
	Grand Total Rs.		Estimate Amount (Amount Put to Tender)		20364004.53		Schedule -II Amount	22807687.21		22686220.93	22705766.68							Worksllip Amount	1234317.49	1338238.03	
E1	KSRB 11-3 Providing and fixing white vitreous china clay water closet European type (Pedestal type, P-trap) with black wood plastic seat and lid, C.P brass hinges, rubber buffers, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof couplaing of approved design, pairing of fittings and brackets, cutting and making good the wall and floor wherever required, excluding cost of materials, labour complete as per specifications Specification No. KBS 11						5994.78		3.00		17984.33							17984.33			

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Sl No	Description of work	Unit	As per Estimate			As per Tender			Total Anticipated Qty		Total Amount 14+17	Qty up to 125%			Qty above 125%			Total Amount 18+19	Excess Amount 11-09	Savings Amount 11 - 9	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount				Qty	Rate	Amount	Qty	Rate	Amount				
1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21
E2	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete 12" Sweep 1300mm1 Item No 12.1 Electrical SR 2019-20						2100.00		4.00		8400.00							8400.00			
E3	Supplying heavy gauge PVC conduit pipe dia mm thick conforming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or steel plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 500mm using MS screws Item No 11.2, Electrical SR 2019-20 25mm dia 1mm thick						65.00		34.00		2210.00							2210.00			
E4	KARB 11.7.4 Providing and fixing white vitreous china size flat back, lipped front urinal basin of 430x290x330mm in the range of four with 10 litres PVC automatic flushing cistern, C.I. M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets cutting and making good the wall and floor wherever required including cost of materials, labour complete as per specifications. Specification No KBS 11						8377.27		6.00		51463.64							51463.64			
E5	Providing and laying flooring using preprinolized, water cut gang saw 18mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to match shade of granite slabs including laying POP on finished surface and cleaning the surface excluding the cost of all materials and labours etc., complete as per specifications using silver grey granite Multy Red Ruby Red Black Hassan/Green Granite of width not less than 1200mm. (P.No 107) No 14.47.1 of PWD SR 2015-16)						3313.09		7.20		23854.28							23854.28			
											103912.25						EIRL Amount	103,912.25			
								Anticipated Amount			22807678.93						Workslip and EIRL Amount	1,338,229.75			

	Estimate Cost				22800000.00
	Amount Put to Tender				20364004.52
	Tender Amount				22807687.21
	Total Work Slip Amount				1234317.49
	Percentage of Work Slip Amount Compared to Tender Amount				5.41%
	EIRL Amount				103912.25
	Percentage of EIRL Amount Compared to Tender Amount				0.46%
	EIRL Amount+Workslip Amount				1338229.75
	Percentage of EIRL Amount+Work Slip Amount Compared to Tender Amount				5.87%
	Anticipated Amount				22807678.93
	Overall Savings on Approved Tender Cost				8.28

Workslip and EIRL Amount	1338229.75	5.87%
Amount put to tender	22807687.21	

Workslip Amount	1234317.49	5.41%
Amount put to tender	22807687.21	

EIRL Amount	103912.25	0.46%
Amount put to tender	22807687.21	

Assistant Engineer
Byatarayanapura Division
B.B.M.P

Assistant Executive Engineer
Byatarayanapura Division
B.B.M.P

13/21
Executive Engineer
Byatarayanapura Division
B.B.M.P

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ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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